



RAC is an historic brand property of LeA Antenne & Progetti SpA. From 1970, RAC is synonymous of high quality antennas in radio communication market. The mission of the RAC brand is to become a reliable partner for every one of its Clients, understanding their needs, offering technical advice, choosing the most suitable solutions and at times designing and creating products on Client's specifications. LeA offers a large portfolio of products on many frequency ranges, for different markets.



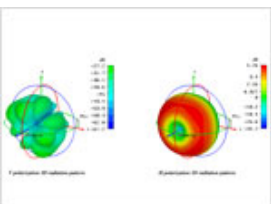
Our Products are manufactured at our large factory in Italy, with high quality components and undergo strictly quality control inspections along the line of production and assembling. Our antennas are very sturdy and resistant to the worse stress and environmental conditions. Reduced packaging dimensions for a cheap delivery. RAC has a different approach from own competitors to the Client's needs: we are always available to listen to their needs, thus offering custom made products, with low serial batch production. A skilled R & D team is available to offer quality consultations and fast accurate software simulations, in order to propose more solutions for the Client; the best solution then will become a prototype for the Client's test trial.



Rac antennas are produced using high quality components made according to own specifications. A staff of 30 persons are involved on the production site, where components are produced, assembled and checked. The production site is connected to external qualified laboratories, so as to assure flexibility and high productivity. Thanks to this local network, we can always cover peak market requests (about 185.000 annual external working hours).



Rac produces a large portfolio of antennas, but we are always available to listen to the Client's needs, giving both technical support and also fully executing the projection of custom made antennas. Thanks to a skilled PhD engineer's team and to our production know-how, we guarantee the best technical solutions specific to our Client's needs and thus deliver a very high quality product. Our problem solving attitude completes our capabilities. Decades of experience enables us both to offer two-way radio systems in all frequencies, as well as specialized advice. Our antennas are widely employed in many systems, among which are ATC (Air Traffic Control), AVL/AVM (Automatic Vehicle Location/Automatic Vehicle Monitoring) for specialized and public vehicles employed in airports, TETRA (Terrestrial Trunked Radio), SCADA (Supervisory Control and Data Acquisition), and many others.



For every custom antenna or tailor-made project, we start with a briefing that enables us to determine the best solution. Experience is our best tool, but everything is examined with software resources and hardware resources (analyzer 50 MHz - 20 GHz). Every project after software simulation is executed with fast mechanical tools for prototypes. Before delivery to the Client, we perform test trial with calibrated antennas into ETS Lindgren anechoic chambers.